

**UTILITY PATENT APPLICATION  
TRANSMITTAL UNDER 37 CFR 1.53(b)**

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Customer No. 01333**

To: Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

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**POPULATION MIXTURE MODELING WITH AN  
INDETERMINATE NUMBER OF SUB-  
POPULATIONS**

First Named Inventor (or Application Identifier):

Nathan D. Cahill

Enclosed are:

1. ☒ Specification
2. ☐ Sheet(s) of drawing(s)
3. ☒ Information Disclosure Statement Under 37 CFR 1.97.
4. Combined Declaration for Patent Application and Power of Attorney:
  - 4a. ☒ New
  - 4b. ☐ Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 11 completed)
  - ☐ Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
5. ☒ Assignment of the invention to **Eastman Kodak Company**
6. ☐ Certified copy of a priority document
7. ☐ Associate Power of Attorney
8. ☐ Deletion of Inventor(s).
9. Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
10. ☐ If a 111A application prior to examination of the above-identified application, amend the specification at Page 1, after the title, by inserting the following:  
--CROSS REFERENCE TO RELATED APPLICATION  
Reference is made to and priority claimed from U.S. Provisional Application Serial No. , filed , entitled .
11. ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. :
12. ☒ If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:  
Please address all written communications to Thomas H. Close, Patent Legal Staff,  
Eastman Kodak Company, 343 State Street, Rochester, NY 14650-2201.  
Please Direct all telephone calls to David M. Woods at (716) 477-5256.

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	RATE	FEE
BASIC FEE				\$ 710
TOTAL CLAIMS	36 - 20 =	16	x 18 =	\$ 288
INDEPENDENT CLAIMS	4 - 3 =	1	x 80 =	\$ 80
MULTIPLE DEPENDENT CLAIM PRESENTED			+ 270	\$0
			<b>TOTAL</b>	<b>\$ 1078</b>

☒ Please charge my Eastman Kodak Company Deposit Account No. 05-0225 in the amount of \$ 1078.

**A duplicate copy of this sheet is enclosed**

☒ The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Eastman Kodak Company Deposit Account No. 05-0225.

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DMW/RGR

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